

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

1. (Currently Amended) A computer implemented method of providing a graphical display for a desktop application, comprising:

providing an application programming interface associated with a three-dimensional graphics card, the application programming interface to process at least two-dimensional scene graph commands;

generating at least one two-dimensional scene graph object command to create a respective at least one two-dimensional object;

receiving the at least one two-dimensional scene graph object command with the application programming interface;

generating two-dimensional scene graph data in accordance with the receiving the at least one two-dimensional scene graph object command, the two-dimensional scene graph data including the at least one two dimensional object;

generating scene graph data in conjunction with a central processing unit, the scene graph data including at least one two-dimensional object;

storing the two-dimensional scene graph data as part of a scene graph data group in a local memory disposed upon a three-dimensional graphics circuit module coupled to the central processing unit, wherein the three-dimensional graphics circuit module has includes a local processor coupled to the local memory; and wherein the three-dimensional graphics circuit module is adapted to generate the graphical display via the local processor;

generating a two-dimensional scene graph display command to render, wherein the scene graph display command is associated with the at least one two-dimensional object;

interpreting the two-dimensional scene graph display command with the three-dimensional graphics circuit module; and

24 ~~displaying-rendering~~ at least one two-dimensional image on the graphical display with the
25 ~~three-dimensional-graphics-circuit-module~~local processor in accordance with the interpreting,
26 wherein the at least one two-dimensional image is ~~associated-derived from with-the~~ at least one
27 two-dimensional object stored in the local memory.

1 2. (Currently Amended) The method of Claim 1, wherein the generating the two-dimensional
2 scene graph display command includes:

3 receiving object data associated with a selected one of the at least one two-dimensional
4 object; and

5 associating the object data with the selected one of the at least one two-dimensional
6 object to provide the scene graph display command.

1 3. (Original) The method of Claim 2, wherein the object data is provided by a radar system and
2 is associated with at least one of an aircraft and a geographic feature.

1 4. (Original) The method of Claim 1, wherein the at least one two-dimensional object represents
2 an aircraft.

1 5. (Currently Amended) The method of Claim 1, wherein the generating the two-dimensional
2 scene graph data includes generating the two-dimensional scene graph data including at least one
3 of a first two-dimensional scene graph data portion representing a land geography, and a second
4 two-dimensional scene graph data portion representing one or more aircraft.

1 6. (Currently Amended) The method of Claim 1, ~~wherein the generating the scene graph data~~
2 ~~includes generating the scene graph data associated with at least one two-dimensional object and~~
3 ~~with further comprising rendering at least one three-dimensional image on the computer screen at~~
4 ~~in accordance with at least one three-dimensional object stored in the local memory.~~

7. (Currently Amended) The method of Claim 1, wherein the two-dimensional scene graph data includes at least one text object, the at least one two-dimensional object includes at least one text character, and the at least one two-dimensional image includes at least one text character image.

8. (Currently Amended) A computer-program-readable storage medium having computer readable code thereon for providing a graphical display for a desktop application, the medium comprising:

instructions for providing an application programming interface associated with a three-dimensional graphics card, the application programming interface to process at least two-dimensional scene graph commands;

instructions for generating at least one two-dimensional scene graph object command to create a respective at least one two-dimensional object;

instructions for receiving the at least one two-dimensional scene graph object command with the application programming interface;

instructions for generating two-dimensional scene graph data in accordance with the receiving the at least one two-dimensional scene graph object command, the two-dimensional scene graph data including the at least one two dimensional object;

instructions for generating scene graph data in conjunction with a central processing unit, the scene graph data including at least one two-dimensional object;

instructions for storing the two-dimensional scene graph data as part of a scene graph data group in a local memory disposed upon a three-dimensional graphics circuit module coupled to the central processing unit, wherein the three-dimensional graphics circuit module has a local processor coupled to the local memory; and wherein the three-dimensional graphics circuit module is adapted to generate the graphical display via the local processor;

instructions for generating a two-dimensional scene graph display command to render associated with the at least one two-dimensional object;

instructions for interpreting the two-dimensional scene graph display command with the three-dimensional graphics circuit module; and

instructions for ~~displaying-rendering~~ at least one two-dimensional image on the graphical display with the ~~three-dimensional graphics circuit module~~ local processor in accordance with the instructions for interpreting, wherein the at least one two-dimensional image is associated with ~~derived from~~ the at least one two-dimensional object stored in the local memory.

9. (Currently Amended) The computer-~~readable storage program~~ medium Claim 8, wherein the instructions for generating a two-dimensional scene graph display command include:

instructions for receiving object data associated with a selected one of the at least one two-dimensional object; and

instructions for associating the object data with the selected one of the at least one two-dimensional object to provide the scene graph display command.

10. (Currently Amended) The computer-~~readable storage program~~ medium Claim 9, wherein the object data is provided by a radar system and is associated with at least one of an aircraft and a geographic feature.

11. (Currently Amended) The computer-~~readable storage program~~ medium Claim 8, wherein the at least one two-dimensional object represents an aircraft.

12. (Currently Amended) The computer-~~readable storage program~~ medium Claim 8, wherein the instructions for generating the two-dimensional scene graph data include instructions for generating the two-dimensional scene graph data including at least one of a first two-dimensional scene graph data portion representing a land geography, and a second two-dimensional scene graph data portion representing one or more aircraft.

13. (Currently Amended) The computer-~~readable storage program~~ medium Claim 8, wherein the further comprising instructions for rendering at least one three-dimensional image on the computer screen in accordance with generating the scene graph data include instructions for

4 ~~generating the scene graph data associated with at least one two-dimensional object and with at~~
5 ~~least one three-dimensional object.~~

1 14. (Currently Amended) The computer-readable storage ~~program~~ medium Claim 8, wherein
2 the two-dimensional scene graph data includes at least one text object, the at least one two-
3 dimensional object includes at least one text character, and the at least one two-dimensional
4 image includes at least one text character image.

1 15. (Currently Amended) A computer-implemented radar system for providing a graphical
2 display ~~for a desktop application~~, comprising:
3 a radar for providing radar data representative of an aircraft, wherein the radar data
4 includes a range, an elevation, and an azimuth position of the aircraft, and wherein the radar data
5 includes a radar-data identifier that associates the radar data with the aircraft;

6 a display processor having a scene graph display-command generator for generating a
7 two-dimensional scene graph object command to create a respective two-dimensional object
8 representative of the aircraft, and also for generating a two-dimensional scene graph display
9 command associated with to render scene graph data including at least one a two-dimensional
10 image representative of the two-dimensional object, wherein the display processor includes an
11 association processor to:

12 receive the radar data; and

13 associate the radar data with the two-dimensional object representative of
14 the aircraft;

15 an application programming interface associated with a three-dimensional graphics card,
16 the application programming interface to process at least two-dimensional scene graph
17 commands; and

18 a three-dimensional graphics circuit module coupled to the display processor and to the
19 application programming interface, wherein the three-dimensional graphics circuit module has
20 includes a local memory disposed thereon and a local processor coupled to the local memory,
21 and wherein the three-dimensional graphics circuit module is adapted to generate the graphical

~~display via the local processor; wherein the three-dimensional graphics circuit module is adapted~~
~~to store~~ stores the two-dimensional scene graph data as part of a scene graph data group in the
local memory, and wherein the three-dimensional graphics circuit module is adapted to interpret
interprets the two-dimensional scene graph display command, wherein the three-dimensional
graphics circuit module generates the graphical display via the local processor in response to the
generation of the two-dimensional scene graph display command, resulting in a display of at
least one two-dimensional image on the graphical display, wherein the at least one two-
dimensional image is ~~associated with~~ derived from the at least one two-dimensional object stored
in the local memory.

16. (Canceled)

17. (Currently Amended) The system of Claim 16, wherein the ~~object radar~~ data is provided by
~~a radar system and is also~~ associated with at least one of an aircraft and a geometric geographic
feature.

18. (Cancelled)

19. (Currently Amended) The system of Claim 15, wherein the scene graph command generator
is also for generating a three-dimensional scene graph object command to create a respective
three-dimensional object ~~scene graph data includes at least one two-dimensional object and at~~
least one three-dimensional object.

20. (Currently Amended) The system of Claim 15, wherein the two-dimensional scene graph
data includes at least one text object, the at least one two-dimensional object includes at least
one text character, and the at least one two-dimensional image includes at least one text character
image.

21. (Canceled)

1 22. (Canceled)

1 23. (Canceled)

1 24. (Previously Presented) The method of Claim 1, wherein the three-dimensional graphics
2 circuit module is a three-dimensional graphics circuit card.

1 25. (Currently Amended) The method of Claim 1, wherein the three-dimensional graphics
2 circuit module is ~~adapted to generate~~ generates the entire graphical display via the local
3 processor.

1 26. (Previously Presented) The method of Claim 8, wherein the three-dimensional graphics
2 circuit module is a three-dimensional graphics circuit card.

1 27. (Currently Amended) The method of Claim 8, wherein the three-dimensional graphics
2 circuit module is ~~adapted to generate~~ generates the entire graphical display via the local
3 processor.

1 28. (Previously Presented) The method of Claim 15, wherein the three-dimensional graphics
2 circuit module is a three-dimensional graphics circuit card.

1 29. (Currently Amended) The method of Claim 15, wherein the three-dimensional graphics
2 circuit module is ~~adapted to generate~~ generates the entire graphical display via the local
3 processor.